



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Plant Protection							
Course Code		FY104		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		Definition of plant protection concepts, learning harmful effects of biotic and abiotic materials in the plants and making conclusions relating control methods have been purposed for the lesson							
Course Content		About plant protection concepts, identifying plant pathogens and control plant subject have been given							
Work Placement		Students must have to complete their internship within the required time and properties. The required rules are describes at the Adnan Menderes University, Sultanhisar Vocational School, Student Internship Instructions.							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Hüseyin YERLİKAYA							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Karaca, İ. 2011. Entomoloji. Anadolu Üniversitesi Yayınları; Solar, F.S., 2011 Fitopatoloji. Anadolu Üniversitesi Yayınları;
2	Öncüler, C., 2008. Tarımsal Zararlılarla Savaş Yöntemleri ve İlaçları. ADÜ yayınları, No:28.;
3	Öğretim elemanı ders notları

Week	Weekly Detailed Course Contents	
1	Theoretical	Principles and concepts of plant protection
2	Theoretical	Abiotic materials caused plant pathogenesis
3	Theoretical	Plant fungi
4	Theoretical	Plant bacteria
5	Theoretical	Plant virus and viroids
6	Theoretical	Herbs
7	Theoretical	Principles characteristics of harmful insects in plant
8	Intermediate Exam	Midterm
9	Theoretical	Insects mouths and feeding types
10	Theoretical	Mites
11	Theoretical	Nematodes
12	Theoretical	Snails and Slugs
13	Theoretical	Principles and methods of agricultural protection Quarantine Cultural control Physical control
14	Theoretical	Biological control Botechnique control
15	Theoretical	Chemical control
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Laboratory	2	9	0	18
Midterm Examination	1	9	1	10



Final Examination	1	15	1	16
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Know plant protection concept
2	Know biotic and abiotic materials
3	Capability to recognize plant pests
4	Capability to recognize plant pathogens
5	Know control methods against plant pathogens

Programme Outcomes (Fungiculture)

1	Having knowledge of morphology, anatomy, cytology, physiology and biochemical structures of mushroom
2	Having knowledge of soil and climate conditions for mushroom cultivation
3	Having knowledge of identification, classification and the use areas of mushroom species
4	Having knowledge of culture and production techniques of mushroom
5	Having knowledge of harvest and conservation of mushroom
6	Having ability to identify and to maintain important diseases and pests of mushroom species
7	Having ability and knowledge of marketing techniques of mushroom products, effectively.
8	Ability to project mushroom built.
9	Having knowledge of Laboratory techniques
10	Having knowledge of mushroom management

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	1	1	1	1	1
P2	2	2	2	2	2
P5	2	2	2	2	2
P6	5	5	5	5	5
P7	1	1	1	1	1
P9	2	2	2	2	2
P10	2	2	2	2	2

